



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7505P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:

58300-23

Date of Issuance:

6/15/16

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Defend

Name and Address of Registrant (include ZIP Code):

ConSeal International, Inc.  
c/o Jean Killoren  
Killoren Regulatory Consulting  
316 Highland Ave.  
Hartford, WI 53027

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Meridith M. Fry, Ph.D., Product Manager 4  
Invertebrate & Vertebrate Branch 1 (IVB1)  
Registration Division (7505P), Office of Pesticide Programs

Date:

6/15/16

2. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 58300-23.”
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 02/18/2016
- Alternate CSF 1 dated 02/18/2016

If you have any questions, please contact Jennifer Gaines at 703-305-5967 or via email at [gaines.jennifer@epa.gov](mailto:gaines.jennifer@epa.gov).

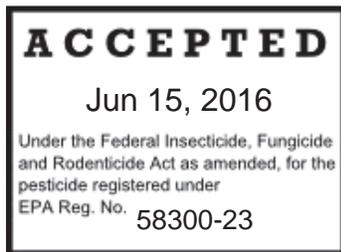
Enclosure



# DEFEND™

- [Kills Roaches (including Palmetto bugs and Waterbugs) Also Darkling Beetles, Ants & Silverfish
- Kills Roaches, palmetto bugs, waterbugs, darkling beetles, ants, silverfish
- Stop Bugging Me!
- Contains Boric Acid
  - Odorless
  - Dust [powder]

ACTIVE INGREDIENT	
Orthoboric Acid.....	64.0%
OTHER INGREDIENT.....	36.0%
TOTAL.....	100.0%



**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

[See side/back panel for additional Precautionary Statements and First Aid]

**PRECAUTIONARY STATEMENTS**  
**HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before use.

<b>FIRST AID</b>	
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 800-255-3924.	

*{Note to reviewer: Boxed format and bullets will be used in First Aid section if label space permits. If label space is limited a paragraph format will be used, in an easy to read format.}*

Net Contents: \_\_\_ lb. (\_\_\_ kg)  
Batch code:

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## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

This product may be used in homes, restaurants, and other food and food handling establishments, markets, schools, warehouses, factories, offices, hotels, motels, hospitals, nursing homes, garages, grocery stores, apartment buildings, new construction, cellulose insulation, cotton batting, industrial plants, theatres, ships, boats, trains, yachts, camps, mobile homes, buses, zoos, kennels, military bases, libraries, utilities, sewers and animal confinement areas.

### DOMESTIC [HOMEOWNER] USE

**Use Restrictions:** Do not let children and pets enter the treatment area until after application is complete. Do not treat pets with this product. Do not contaminate feed and foodstuff. Do not contaminate ornamental plants.

**Application Directions for Control of Cockroaches, Ants and Silverfish:** Apply liberally, scattering under and behind refrigerator, stove, sink, dishwasher, washing machine and dryer, tubs, into openings around drains, water pipes and electrical conduits; and in cracks and crevices along baseboards and corners of cabinets, cupboards, and closets. Remove all lower drawers in kitchen and bathroom cabinets, bedroom dressers and chests of drawers, then scatter liberally in drawer wells. Any powder visible after application must be brushed into cracks and crevices or vacuumed. Application amount will vary with the site, a common application rate is between 1.0 and 2.0 lbs per 1000 sq. ft [1.5 to 3 ounces per 100 sq. ft.] Reapply as necessary.

**Application Directions for Control of Darkling Beetles [Lesser Mealworms]:** Remove all birds in poultry or layer houses before applying. Using a fertilizer or seed spreader, uniformly apply DEFEND powder [this product] at the rate of 1 to 2 pounds per 100 square feet over old litter or soil surface of the poultry house. Liberally dust side walls, posts, top plates, and framing. Apply powder in cracks and crevices around insulation on the floor and sidewalls. DEFEND [this product] can also be spray applied wet when mixed 1 to 2 pounds per three gallons of water for each 100 square feet of surface to be treated. DO NOT APPLY DIRECTLY TO MANURE. Evenly spread fresh litter a minimum of four inches over all treated floor surfaces before introducing birds. Reapply as outlined above after each grow-out. Reapply after each sanitizing and washed down of the poultry containment area to continue beetle control.

### NON-DOMESTIC USE (NONEDIBLE PRODUCT AREAS ONLY)

**Use Restrictions:** Apply only in areas inaccessible to children and pets. Do not use in edible product areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed.

**Directions for Applying in New and Existing Construction to Control Cockroaches and Other Target Insects:** When treating large areas, such as wall voids, soffit and subcabinet voids in new and existing construction, dust liberally using dusting application equipment.

**Directions for Applying in Sewers and Manhole Cavities:** Apply this product dry or mixed with water, or acrylic polymer for improved adhesion to sewer wall cavity surfaces, at a rate not to exceed 12 oz. per 190 square feet using portable blowers, air pressure tanks or pressurized nozzle(s).

**Directions for Applying as a Mop Solution to Control Cockroaches:**

Mixing and Application Directions: Add 1 cup of powder to each gallon of rinse water. Apply to floor areas only. Make only enough for each application. Supplemental treatment only. Reapply as necessary. Any powder visible after application must be brushed into cracks and crevices or vacuumed. Do not contaminate feed and foodstuffs.

### FOOD HANDLING ESTABLISHMENTS

Places other than private residences in which food or feed is held, processed, prepared, or served.

#### 1. FOOD AREAS [including some serving areas]

Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storages and enclosed processing systems (mills, dairies, edible oils, and syrups). Also includes some FOOD SERVING AREAS which are facilities where food is served, such as dining rooms, but not where food is prepared or held (these areas are considered FOOD AREAS when food is exposed and the facility is in operation.) Follow application directions in this section. If food is not exposed and facility is not in operation, follow application directions under NON-FOOD SERVICE AREAS below.

**Use Restrictions:** FOOD AREA application is limited to CRACK AND CREVICE TREATMENT ONLY. Applications to other areas are not permitted.

**Application Directions:** Apply in small amounts directly into cracks and crevices using a bulbous duster or other suitable equipment capable of applying insecticides directly into cracks and crevices, in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases, conduits, motor housing and electrical switch boxes where cockroaches hide.

**2. NONFOOD AREAS [including some serving areas]**

Includes garbage rooms, lavatories, floor drains (to sewer), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling). Also includes some SERVING AREAS.

**Application Directions:** Apply as a spot treatment to selective surfaces such as baseboards, under elements of constructions into cracks and crevices. Avoid treating surfaces likely to be contacted by food.

**OTHER NONFOOD AREAS**

**Application Directions:** Apply to baseboard areas, around water pipes, surfaces behind and beneath sinks, lockers, tables, pallets and similar areas where insects hide or through which they may enter.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a dry place. Do not store where children or animals may gain access.

**PESTICIDE DISPOSAL:** Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. {Homeowner – 5 lbs and less rigid container} Rinse thoroughly before discarding in trash.

{Greater than 5 lb. rigid container} Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times.

{Greater than 50 lb. rigid container} Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container ¼ full with water and recap. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container in its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

{Bag sized only} Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

*{Note to reviewer: Boxed format will be used if label space permits. Paragraph format will be used if label is small.}*

EPA Reg. No: 58300-  
EPA Est. No: 58300-FL-1  
58300-MA-1

Manufactured by:  
ConSeal International, Inc.  
90 Kerry Place, Suite 2  
Norwood, MA 02062

[NOTICE: Because of many varying conditions affecting use and application, manufacturer warns buyer that these may impair or vary the results or effects of the use of this product. In any event, complete prevention of decay by fungi or other organisms is not guaranteed. Neither manufacturer nor seller shall be liable in respect to any injury or damage suffered by reason of the use of this product for a purpose not indicated by the label or when used contrary to the directions or instructions hereon nor with respect to breach of any warranty not expressly specified herein. Buyer accepts this material subject to these terms, and assumes all risk of usage and handling except when used or handled in accordance with the label. Neither manufacturer nor seller makes, and their employees and agents are not permitted to make, any representation or warranties, express or implied by law, not specifically contained herein.

Or

Note: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages. ]

[ ] optional text